

What is claimed is:

1. An interactive stub apparatus for testing
a program for executing a process with externally given
5 data, comprising:
 an electronic text parsing unit parsing an
electronic text transmitted from a program to be tested
to detect a required data item; and
 an electronic text data setting unit embedding an
10 input data value, which corresponds to the detected data
item, in an electronic text to be transmitted to a side
of the program to be tested.
2. The interactive stub apparatus for testing
15 a program according to claim 1, further comprising
 a setting screen generating unit generating a data
setting screen for receiving the input data value, which
corresponds to the detected data item, and giving the
set value to said electronic text data setting unit.
20
3. The interactive stub apparatus for testing
a program according to claim 2, further comprising
 an input value generating unit automatically
generating input data in correspondence with the data
25 item detected by said electronic text parsing unit, and

giving the generated input data to said setting screen generating unit.

4. The interactive stub apparatus for testing
5 a program according to claim 2, further comprising:

an electronic text data storing unit storing the set data value embedded by said electronic text data setting unit; and

10 an electronic text data reading unit reading the data stored in said electronic text data storing unit, and giving the read data to said setting screen generating unit as the input data.

5. A computer-readable portable storage
15 medium, which is used by a computer for testing a program for executing a process with externally given data and on which is recorded a stub program for causing the computer to execute a process, the process comprising:

20 parsing an electronic text transmitted from a program to be tested to detect a required data item; and

embedding an input data value, which corresponds to the detected data item, in an electronic text to be transmitted to a side of the program to be tested.

6. The computer-readable portable storage medium according to claim 5, the process further comprising

5 a setting screen generating process of generating a data setting screen for receiving the input data value, which corresponds to the detected data item, and giving a set value to said step of embedding the input data value, as the input data value.

10 7. The computer-readable portable storage medium according to claim 6, the process further comprising

an input value generating process of automatically generating input data, which corresponds
15 to the detected data item, and giving the generated input data to said setting screen generating step.

8. The computer-readable portable storage medium according to claim 6, the process further
20 comprising:

storing the set data value embedded in the electronic text to be transmitted to the side of the program to be tested; and

reading the stored set data from the electronic
25 text data, and giving the read data to said setting

screen generating step as the input data.

9. A stub program, which is used by a computer for testing a program for executing a process with
5 externally given data, and causes the computer to perform:

parsing an electronic text transmitted from a program to be tested to detect a required data item;
and

10 embedding an input data value, which corresponds to the detected data item, in an electronic text to be transmitted to a side of the program to be tested.

10. A method testing a program for executing a
15 process with externally given data, comprising:

parsing an electronic text transmitted from a program to be tested to detect a required data item;
and

20 embedding an input data value, which corresponds to the detected data item, in an electronic text to be transmitted to a side of the program to be tested.

11. A stub apparatus for testing a program for
executing a process with externally given data,
25 comprising:

electronic text parsing means for parsing an electronic text transmitted from a program to be tested to detect a required data item; and

5 electronic text data setting means for embedding an input data value, which corresponds to the detected data item, in an electronic text to be transmitted to a side of the program to be tested.